



5 MWh / 2,5 MW

LIQUID-COOLED OUTDOOR CONTAINER



Exceptionally safe and reliable.

LARGE SCALE ENERGY STORAGE SOLUTIONS



5 MWh



0,5 C



2,5 MW



≥ 8 000

PRODUCT FEATURES

- + Advance safety systems
- + Liquid cooling for high performance and excellent temperature control
- + Cycle life $\geq 6\ 000$ cycles at 80% DoD
- + Master BMS designed in Europe, open for customization

APPLICATIONS

- Commercial-scale PV or wind power generation
- Renewable hybrid energy power plants

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BATTERY DESIGN DESCRIPTION



CELL



PACK



CONTAINER 20 ft

Chemistry	LFP	Connection	1P104S	Max module connection (-)	12 strings x 4 packs
Capacity (Ah)	314	Energy (kWh)	104,5	Energy (kWh)	5 016
Max voltage (V)	3,6	Max voltage (V)	374	Max voltage (V)	1 497
Min voltage (V)	2,5	Min voltage (V)	260	Min voltage (V)	1 040
Weight (kg)	5,56	Weight (kg)	645	Weight (kg)	43 000

BASIC PARAMETERS

Liquid-cooled Outdoor Container

Model	GL314-1P104S-4S-12P
Battery Cell	LFP-314Ah
Nominal DC Voltage (V)	1 331
Rated Energy (kWh)	5 000
Nominal Power (kW)	2 500
Nominal AC Power (kVA)	215*12
Nominal AC Voltage (V)	690
Frequency (Hz)	50/60
Max. Efficiency (%)	RTE ≥ 96,5 % at 0,5C
Charge Temperature (°C)	0 °C ~ 55 °C
Discharge Temperature (°C)	-30 °C ~ 55 °C
IP Rating	IP54
Dimensions (WxDxH)	6 058 x 2 438 x 2 896 mm
Weight (kg)	43 000
Battery Standards and Regulations	UN38.3, UL1973, UL 9540A, IEC 62619, IEC 61000, IEC 62477, Regulation (EU) 2023/1542